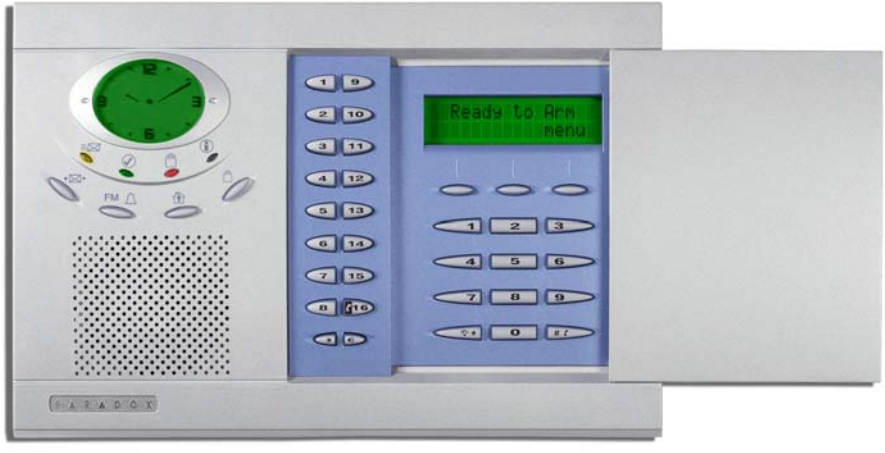
MAGELLAN™

All-In-One Wireless Security System V1.0

Model # MG-6060



Programming Guide

PARADOX®
SECURITY SYSTEMS

Table of Contents

Things You Should Know 4
- About This Programming Guide 4
- Conventions 4
- Installer Code (Default: 0000 / 000000) 4
- Maintenance Code (Default: 1111 / 111111) 5
- Master Code (Default: 1234 / 123456) 5
- Decimal and Hexadecimal Values 6

Entering Programming Mode 7
- Single Digit Data Entry Method 7
- Feature Select Programming Method 7

Zone Programming 8

Wireless Transmitter Programming 9

System Timers 10

Programmable Outputs (PGMs) 11

System Options 12

Communicator Settings 19

Report Codes 21

Remote Control Button Programming 24

System Settings 26

Installer Quick Keys 26

Appendix 1: PGM Event Table 27

Appendix 2: Connection Diagrams 33
- Power Connections 33
- Telephone Line Connections 35
- PGM Connections 37
- Hardwire Zone Connections 38
- X10 Transmitter Connections 39
- Connecting Magellan to WinLoad 40
- Connecting to a UIP-256 41
- Connecting a Paradox Memory Key (PMC-3) 42
- Connecting the Radio Antenna 43
- Mounting Magellan on the Wall 44
- Tabletop Mounting 45

Appendix 3: Ademco Contact ID Report Code List 46

Things You Should Know

About This Programming Guide

This programming guide should be used in conjunction with the Magellan Reference & Installation Manual which can be downloaded from our Web site at **www.paradox.ca**. Use this guide to record the settings programmed for this console.

Conventions

This symbol designates a warning or important information.

This symbol designates a suggestion or reminder.

This symbol designates a reference to another section, manual or guide.

This symbol designates a feature that can also be programmed in the Installer menu which can be accessed by pressing [MENU] and then entering your **[INSTALLER CODE]**. The icon will then be followed by the path or buttons that have to be pressed in order to access the feature once in the Installer menu. For example:

→[4] →[6] = Once in the Installer menu, press the **[4]** key and then press the **[6]** key to access the desired feature.

Refer to the Installer Menu Overview on the back cover for more information on accessing and using the Installer menu.

Installer Code (Default: 0000 / 000000)

The Installer code is used to enter programming mode (see Entering Programming Mode on page 7), which allows you to program all the features, options and commands of the Magellan console **except** user codes. The Installer code can be 4 or 6 digits in length (see section [090] option **[1]** on page 12) where each digit can be any value from 0 to 9. See section [181] on page 26 to change the default code.

Maintenance Code (Default: 1111 / 111111)

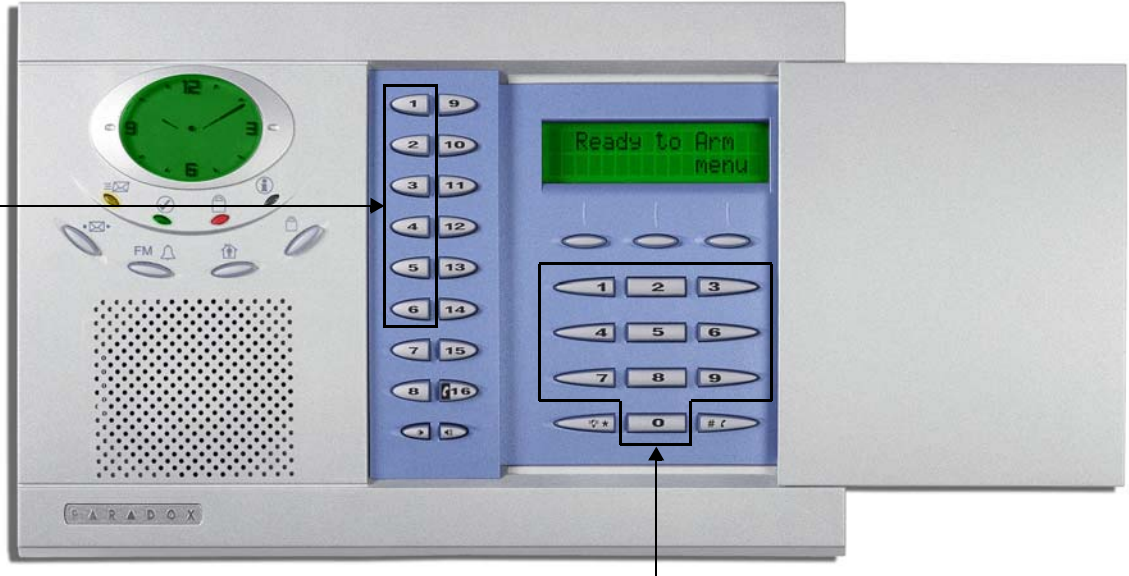
The Maintenance code is similar to the Installer code. It can be used to enter programming mode (see Entering Programming Mode on page 7), which allows you to program all the features, options and commands **except** for the Magellan console's communication settings (sections [100] to [154]) as well as any user codes. The Maintenance code can be 4 or 6 digits in length (see section [090] option **[1]** on page 12) where each digit can be any value from 0 to 9. See section [182] on page 26 to change the default code.

Master Code (Default: 1234 / 123456)

With the System Master code a user can use any arming method and can program user codes. The System Master code can be 4 or 6 digits in length (see section [090] option **[1]** on page 12), where each digit can be any digit from 0 to 9. The System Master code cannot be changed by the installer or maintenance code, but it can be reset to default. See section [200] on page 26 to reset to default.

Decimal and Hexadecimal Values

Figure 1: Decimal and Hexadecimal Values



Hexadecimal only values:
[1] = A
[2] = B
[3] = C
[4] = D
[5] = E
[6] = F

Decimal and Hexadecimal Values:
Keys **[0]** to **[9]** = 0 to 9

Entering Programming Mode

Use the built-in keypad to access Magellan's installer programming mode. To access programming mode:

1. Press and hold the **[0]** key.
2. Enter your **[INSTALLER CODE]** or **[MAINTENANCE CODE]**.
3. Enter the 3-digit **[SECTION]** you wish to program.
4. Enter the required **[DATA]**.
5. Press the **[*]** key to clear data or to go back one step. Press the **[#]** key to save changes.

There are two methods that can be used to enter data when in programming mode; Single Digit Data Entry and Feature Select Programming methods.

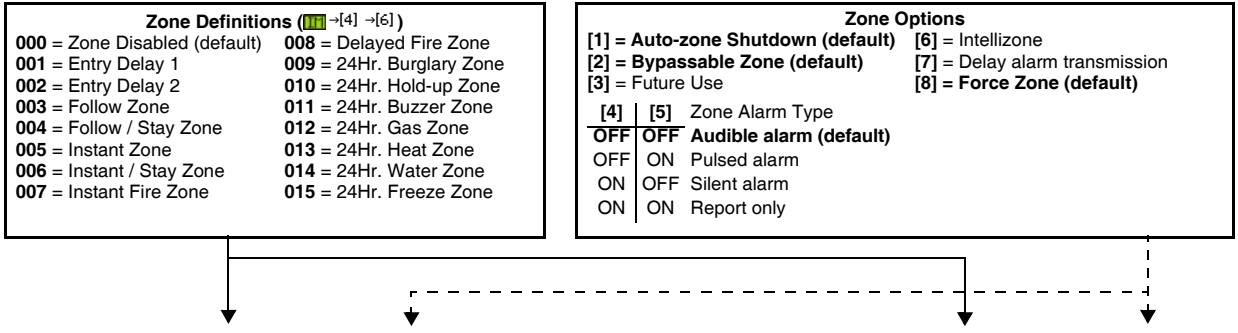
Single Digit Data Entry Method

After entering programming mode, some sections will require that you enter decimal values from 000 to 255. Other sections will require that you enter hexadecimal values from 0 to F. The required data will be clearly indicated in this manual. When entering the final digit in a section, Magellan will automatically save and advance to the next section. Refer to Figure 1 on page 6 to see the keys and their equivalent decimal and/or hexadecimal value.

Feature Select Programming Method

After entering certain sections, eight options will be displayed where each option from **[1]** to **[8]** represents a specific feature. Press the key corresponding to the desired option and the option number will appear in the LCD screen. This means the option is ON. Press the key again to remove the digit from the LCD screen (a * appears), thereby, turning OFF the option. Press the **[*]** key to set all eight options to OFF. When the options are set, press the **[#]** key to save and advance to the next section.

Zone Programming


Zone Definitions (→[4] →[6])
000 = Zone Disabled (default)
001 = Entry Delay 1
002 = Entry Delay 2
003 = Follow Zone
004 = Follow / Stay Zone
005 = Instant Zone
006 = Instant / Stay Zone
007 = Instant Fire Zone
008 = Delayed Fire Zone
009 = 24Hr. Burglary Zone
010 = 24Hr. Hold-up Zone
011 = 24Hr. Buzzer Zone
012 = 24Hr. Gas Zone
013 = 24Hr. Heat Zone
014 = 24Hr. Water Zone
015 = 24Hr. Freeze Zone
Zone Options
[1] = Auto-zone Shutdown (default)
[2] = Bypassable Zone (default)
[3] = Future Use
[6] = Intellizone
[7] = Delay alarm transmission
[8] = Force Zone (default)
[4] [5] Zone Alarm Type
OFF OFF Audible alarm (default)
OFF ON Pulsed alarm
ON OFF Silent alarm
ON ON Report only

Section	Description	Zone Definition	Zone Options
[001]	Zone 1:_____	____/____/____	1 2 3 4 5 6 7 8
[002]	Zone 2:_____	____/____/____	1 2 3 4 5 6 7 8
[003]	Zone 3:_____	____/____/____	1 2 3 4 5 6 7 8
[004]	Zone 4:_____	____/____/____	1 2 3 4 5 6 7 8
[005]	Zone 5:_____	____/____/____	1 2 3 4 5 6 7 8
[006]	Zone 6:_____	____/____/____	1 2 3 4 5 6 7 8
[007]	Zone 7:_____	____/____/____	1 2 3 4 5 6 7 8
[008]	Zone 8:_____	____/____/____	1 2 3 4 5 6 7 8

Section	Description	Zone Definition	Zone Options
[009]	Zone 9:_____	____/____/____	1 2 3 4 5 6 7 8
[010]	Zone 10:_____	____/____/____	1 2 3 4 5 6 7 8
[011]	Zone 11_____	____/____/____	1 2 3 4 5 6 7 8
[012]	Zone 12:_____	____/____/____	1 2 3 4 5 6 7 8
[013]	Zone 13:_____	____/____/____	1 2 3 4 5 6 7 8
[014]	Zone 14:_____	____/____/____	1 2 3 4 5 6 7 8
[015]	Zone 15:_____	____/____/____	1 2 3 4 5 6 7 8
[016]	Zone 16:_____	____/____/____	1 2 3 4 5 6 7 8

Wireless Transmitter Programming

In the section corresponding to the desired zone, assign the transmitter's serial number. In sections [058] and [059], assign the 6-digit serial number of the MG-DCT1 that you are using as wireless doorbells. You can also use these sections to view the assigned transmitter's signal strength.

Section	Serial Number
[021]	Zone 1: ____/____/____/____/____/____
[022]	Zone 2: ____/____/____/____/____/____
[023]	Zone 3: ____/____/____/____/____/____
[024]	Zone 4: ____/____/____/____/____/____
[025]	Zone 5: ____/____/____/____/____/____
[026]	Zone 6: ____/____/____/____/____/____
[027]	Zone 7: ____/____/____/____/____/____
[028]	Zone 8: ____/____/____/____/____/____
[029]	Zone 9: ____/____/____/____/____/____
[030]	Zone 10: ____/____/____/____/____/____
[031]	Zone 11: ____/____/____/____/____/____
[032]	Zone 12: ____/____/____/____/____/____
[033]	Zone 13: ____/____/____/____/____/____
[034]	Zone 14: ____/____/____/____/____/____
[035]	Zone 15: ____/____/____/____/____/____
[036]	Zone 16: ____/____/____/____/____/____
[037] to [040]	Future use

Section	Serial Number
[041]	View signal strength of remote control 1
[042]	View signal strength of remote control 2
[043]	View signal strength of remote control 3
[044]	View signal strength of remote control 4
[045]	View signal strength of remote control 5
[046]	View signal strength of remote control 6
[047]	View signal strength of remote control 7
[048]	View signal strength of remote control 8
[049]	View signal strength of remote control 9
[050]	View signal strength of remote control 10
[051]	View signal strength of remote control 11
[052]	View signal strength of remote control 12
[053]	View signal strength of remote control 13
[054]	View signal strength of remote control 14
[055]	View signal strength of remote control 15
[056]	View signal strength of remote control 16
[057]	Future use
[058]	Wireless Doorbell 1: ____/____/____/____/____/____
[059]	Wireless Doorbell 2: ____/____/____/____/____/____

Adding a Remote Control:
(→[4] →[2])
Remote controls can only be added through the Installer menu (see Conventions on page 4). To do so:

1. Press the [MENU] key and then press the **[4]** key
2. Enter the **[INSTALLER CODE]**
3. Press the **[2]** key
4. Follow the instructions that appear

System Timers

Section	Data (value from 000 to 255)	Description	Defaults
[060]	____/____/____ seconds	Entry delay 1 (→[4] →[4])	*045 secs.*
[061]	____/____/____ seconds	Entry delay 2 (→[4] →[4])	*045 secs.*
[062]	____/____/____ seconds	Exit delay (→[4] →[4])	*060 secs.*
[063]	____/____/____ minutes	Bell cut-off time (→[4] →[4])	*004 mins.*
[064]	____/____/____ x 15 minutes	No movement time	*Disabled*
[065]	____/____/____ seconds (minimum 10 seconds)	Intellizone delay	*045 secs.*
[066]	____/____/____ seconds	Recent closing delay	*Disabled*
[067]	____/____/____ times	Auto-zone shutdown	*005 times*
[068]	____/____/____ seconds	PGM1 timer	*005 secs.*
[069]	____/____/____ seconds	PGM2 timer	*005 secs.*
[070]	____/____/____ minutes	Power failure report delay	*015 mins.*
[071]	____/____/____ days	Auto-test report	*Disabled*
[072]	____/____/____ rings	Number of rings	*008 rings*
[073]	____/____/____ seconds	TLM fail timer	*032 secs.*
[074]	____/____/____ seconds	Answering machine override delay	*030 secs.*
[075]	____/____/____ seconds	Delay alarm transmission	*Disabled*
[076]	____/____/____ seconds (maximum 130 seconds)	Delay between dialing attempts	*020 secs.*
[077]	____/____/____ seconds	Pager/voice delay	*005 secs.*
[078]	____/____/____ seconds	Remote panic disarm lock delay	*020 secs.*
[079]	____/____/____ repetitions	Voice reporting message repetitions	*003 reps.*

Section	Data (value from 000 to 255)	Description	Defaults
[080]	____/____/____ days	Closing delinquency delay	*Disabled*
[081]	____/____/____ (000 to 007*)	Entry delay audio selection (→[4] →[4])	*003*
[082]	____/____/____ (000 to 007*)	Exit delay audio selection (→[4] →[4])	*002*
[083]	Future use	Future use	*Future use*
[084]	____/____:____/____ Hours	Auto-test report time	*Disabled*
[085]	____/____:____/____ Hours	Auto-arm time (→[8] →[3])	*Disabled*

* 000 = No tone; 001 = Beeping; 002 = Countdown; 003 = *"Hold the Line"*; 004 = Bach Symphony #40; 005 = *"Mission Impossible"*; 006 = *"What is Love"*; 007 = Radio tuner

Programmable Outputs (PGMs)

Section	Description	Event Group #	Sub-group #
[086]	PGM1 Activation Event (Default: Event group #07; Sub-group #99; Remote control option "B" - PGM activation by any user; see page 24)	(____/____)	(____/____)
[087]	PGM1 Deactivation Event (Default: No event programmed)	(____/____)	(____/____)
[088]	PGM2 Activation Event (Default: Event group #08; Sub-group #99; Remote control option "C" - PGM activation by any user; see page 24)	(____/____)	(____/____)
[089]	PGM2 Deactivation Event (Default: No event programmed)	(____/____)	(____/____)

Refer to Appendix 1: PGM Event Table on page 27 for the PGM events that can be used to program Magellan's PGM outputs.

System Options

[090] General Options

Bold = Default setting

Option		OFF	ON
[1]	Access code length	☐ 6 digits	☐ **4 digits**
[2]	Audible trouble warning (except AC power failures)	☐ **Disabled**	☐ Enabled
[3]	Lock master code	☐ **Disabled**	☐ Enabled
[4]	Use user code 16 as duress code	☐ **Disabled**	☐ Enabled
[5]	Console tamper supervision	☐ **Disabled**	☐ Enabled
[6]	Need code to bypass zones	☐ **Disabled**	☐ Enabled
[7]	PGM1 normal state	☐ **N.O.**	☐ N.C.
[8]	PGM2 normal state	☐ **N.O.**	☐ N.C.

[091] General Options

Bold = Default setting

Option		OFF	ON
[1]	Panic 1 (Emergency)	☐ **Disabled**	☐ Enabled
[2]	Panic 2 (Auxiliary)	☐ **Disabled**	☐ Enabled
[3]	Panic 3 (Fire)	☐ **Disabled**	☐ Enabled
[4]	Panic 1: Silent or audible alarm	☐ **Silent**	☐ Audible
[5]	Panic 2: Silent or audible alarm	☐ **Silent**	☐ Audible
[6]	Panic 3: Silent or audible alarm	☐ **Silent**	☐ Audible
[7]	PGM1 used as	☐ **Direct output**	☐ X10 output 7
[8]	PGM2 used as	☐ **Direct output**	☐ X10 output 8

[092] Arming/Disarming Options — **Bold** = Default setting

Option		OFF	ON
[1]	Auto-arm on time (→[8] →[2])	☐ **Disabled**	☐ Enabled
[2]	Auto-arm on no movement	☐ **Disabled**	☐ Enabled
[3]	Auto-arm in what arming mode	☐ **Regular**	☐ Stay
[4]	Switch to Stay arming if no entry delay is opened	☐ **Disabled**	☐ Enabled
[5]	Regular arming switches to Force arming	☐ Disabled	☐ **Enabled**
[6]	Stay arming switches to Force arming	☐ **Disabled**	☐ Enabled
[7]	One-touch Regular/Force arming	☐ Disabled	☐ **Enabled**
[8]	One-touch Stay arming	☐ Disabled	☐ **Enabled**

[093] Arming/Disarming Options — **Bold** = Default setting

Option		OFF	ON
[1]	Future use	☐ Future use	☐ Future use
[2]	Future use	☐ Future use	☐ Future use
[3]	Bell squawk when arming/disarming with remote control	☐ Disabled	☐ **Enabled**
[4]	No exit delay when arming with remote control	☐ **Disabled**	☐ Enabled
[5]	Report system disarming	☐ Always	☐ **After alarm only**
[6]	Exit delay termination	☐ Disabled	☐ **Enabled**
[7]	Follow zones become Entry Delay 2 zones when Delay zone is bypassed	☐ **Disabled**	☐ Enabled
[8]	FM tuner ON when system is armed (→[8] →[1])	☐ Disabled	☐ **Enabled**

[094] Zone Options — **Bold** = Default setting

Option		OFF	ON
[1]	Stay delay zones	☐ **Disabled**	☐ Enabled
[2]	Report zone restore	☐ **On Bell cut-off**	☐ On zone closure
[3] & [4]	Tamper recognition options	☐ See table ☐ See table	☐ See table ☐ See table
[5]	Generate tamper trouble if detected on bypassed zone	☐ **No**	☐ Yes
[6] & [7]	Wireless transmitter supervision options	☐ See table ☐ See table	☐ See table ☐ See table
[8]	Generate supervision trouble if detected on bypassed zone	☐ **No**	☐ Yes

[3]	[4]	
OFF	**OFF**	**- Disabled**
OFF	ON	- Trouble only
ON	OFF	- Disarmed: Trouble only - Armed: Follow *zone's alarm type* (page 8)
ON	ON	- Disarmed: Audible alarm - Armed: Follow *zone's alarm type* (page 8)

[6]	[7]	
OFF	OFF	- Disabled
OFF	**ON**	**- Trouble only**
ON	OFF	- Disarmed: Trouble only - Armed: Follow *zone's alarm type* (page 8)
ON	ON	- Disarmed: Audible alarm - Armed: Follow *zone's alarm type* (page 8)

[095] Zone Options — **Bold** = Default setting

Option		OFF	ON
[1]	Zone 15 is hardwire zone 1	☐ **Disabled**	☐ Enabled
[2]	Zone 16 is hardwire zone 2	☐ **Disabled**	☐ Enabled
[3]	EOL (End-Of-Line) resistors	☐ **No EOL**	☐ Use EOL resistors
[4] to [8]	Future use	☐ Future use	☐ Future use

[096] **General Options**

Bold = Default setting

Option		OFF	ON
[1] & [2]	Doorbell 1 tone options	☐ See table	☐ See table
		☐ See table	☐ See table

[1]	[2]	
OFF	**OFF**	**- Tone 1**
OFF	ON	- Tone 2
ON	OFF	- Tone 3
ON	ON	- Tone 4

[3] & [4]	Doorbell 2 tone options	☐ See table	☐ See table
		☐ See table	☐ See table

[3]	[4]	
OFF	OFF	- Tone 1
OFF	**ON**	**- Tone 2**
ON	OFF	- Tone 3
ON	ON	- Tone 4

[5]	Daylight savings time	☐ **Disabled**	☐ Enabled
[6]	AC power failure warning	☐ **Disabled**	☐ Enabled
[7]	Check-in supervision time	☐ **24Hrs**	☐ 80 minutes
[8]	Future use	☐ Future use	☐ Future use

[097] **Reserved for future use**

[098] Dialer Options

Bold = Default setting

Option		OFF	ON
[1] & [2]	Telephone line monitoring options	☐ See table ☐ See table	☐ See table ☐ See table
[3]	Switch to pulse on 5th attempt	☐ **Disabled**	☐ Enabled
[4]	Call back	☐ **Disabled**	☐ Enabled
[5]	Alternate dialing	☐ **Disabled**	☐ Enabled
[6]	Force dial	☐ **Disabled**	☐ Enabled
[7]	DTMF dialing	☐ Disabled	☐ **Enabled**
[8]	Pulse ratio	☐ 1:2	☐ **1:1.5**

[1]	[2]	
OFF	**OFF**	**- TLM disabled**
OFF	ON	- Generate a trouble
ON	OFF	- Generate audible alarm if armed
ON	ON	- Silent alarms become audible

[099] Dialer Options 2

Bold = Default setting

Option		OFF	ON
[1]	Use central station telephone number 2 as	☐ Regular	☐ **Backup**
[2] to [8]	Future use	☐ Future use	☐ Future use

[100] **Event Call Direction Options for Arming / Disarming Report Codes**

Bold = Default setting

Option		OFF	ON
[1]	Call central station telephone number 1	☐ Disabled	☐ **Enabled**
[2]	Call central station telephone number 2	☐ **Disabled**	☐ Enabled
[3]	Call Pager telephone number	☐ **Disabled**	☐ Enabled
[4]	Future use	☐ Future use	☐ Future use
	Alarm / Alarm Restore Report Codes		
[5]	Call central station telephone number 1	☐ Disabled	☐ **Enabled**
[6]	Call central station telephone number 2	☐ **Disabled**	☐ Enabled
[7]	Call Pager telephone number	☐ Disabled	☐ **Enabled**
[8]	Future use	☐ Future use	☐ Future use

[101] **Event Call Direction Options for Tamper / Tamper Restore Report Codes**

Bold = Default setting

Option		OFF	ON
[1]	Call central station telephone number 1	☐ Disabled	☐ **Enabled**
[2]	Call central station telephone number 2	☐ **Disabled**	☐ Enabled
[3]	Call Pager telephone number	☐ **Disabled**	☐ Enabled
[4]	Future use	☐ Future use	☐ Future use
	Trouble / Trouble Restore Report Codes		
[5]	Call central station telephone number 1	☐ Disabled	☐ **Enabled**
[6]	Call central station telephone number 2	☐ **Disabled**	☐ Enabled
[7]	Call Pager telephone number	☐ **Disabled**	☐ Enabled
[8]	Future use	☐ Future use	☐ Future use

[102] Event Call Direction Options for Special Report Codes

Bold = Default setting

Option		OFF	ON
[1]	Call central station telephone number 1	☐ Disabled	☐ **Enabled**
[2]	Call central station telephone number 2	☐ **Disabled**	☐ Enabled
[3]	Call Pager telephone number	☐ **Disabled**	☐ Enabled
[4] to [8]	Future use	☐ Future use	☐ Future use

[103] Wireless Transmitter Supervision Zone Options

Bold = Default setting

Option		OFF	ON
[1]	Zone 1 supervision	☐ Disabled	☐ **Enabled**
[2]	Zone 2 supervision	☐ Disabled	☐ **Enabled**
[3]	Zone 3 supervision	☐ Disabled	☐ **Enabled**
[4]	Zone 4 supervision	☐ Disabled	☐ **Enabled**
[5]	Zone 5 supervision	☐ Disabled	☐ **Enabled**
[6]	Zone 6 supervision	☐ Disabled	☐ **Enabled**
[7]	Zone 7 supervision	☐ Disabled	☐ **Enabled**
[8]	Zone 8 supervision	☐ Disabled	☐ **Enabled**

[104] Wireless Transmitter Supervision Zone Options

Bold = Default setting

Option		OFF	ON
[1]	Zone 9 supervision	☐ Disabled	☐ **Enabled**
[2]	Zone 10 supervision	☐ Disabled	☐ **Enabled**
[3]	Zone 11 supervision	☐ Disabled	☐ **Enabled**
[4]	Zone 12 supervision	☐ Disabled	☐ **Enabled**
[5]	Zone 13 supervision	☐ Disabled	☐ **Enabled**

[104]	**Wireless Transmitter Supervision Zone Options**		**Bold** = Default setting
	Option	**OFF**	**ON**
	[6] Zone 14 supervision	☐ Disabled	☐ **Enabled**
	[7] Zone 15 supervision	☐ Disabled	☐ **Enabled**
	[8] Zone 16 supervision	☐ Disabled	☐ **Enabled**

Communicator Settings

Section	Data	Description
[105]	____/____/____	Report format for central station telephone number 1 (→[4] →[3])
[106]	____/____/____	Report format for central station telephone number 2 (→[4] →[3])
		001 = Ademco slow (1400Hz 10BPS); 002 = Silent Knight (1400Hz 20BPS); 003 = SESCOA (2300Hz 20BPS); **004 = Ademco Contact ID (default)**; 005 = SIA FSK
[107]	____/____/____/____	Account number (→[4] →[3])
[108]	____/____/____/____	Panel identifier (for use with WinLoad software) (→[4] →[8])
[109]	____/____/____/____	Panel password (for use with WinLoad software) (→[4] →[8])
[110]		Reserved for future use
[111]		Central station telephone number 1 (32 digits maximum; if less than 32, press **[#]** to accept) (→[4] →[3])
	___/___	

Section	Data	Description
[112]		Central station telephone number 2 (32 digits maximum; if less than 32, press **[#]** to accept) (→[4] →[3])
	___/___	
[113]		Pager Telephone # (32 digits maximum; if less than 32, press **[#]** to accept) (→[4] →[3])
	___/___	
[114]		Numeric message sent with Pager Reporting (32 digits maximum; if less than 32, press **[#]** to accept) (→[4] →[3])
	___/___	
[115] to [117]		Reserved for future use
[118]		PC telephone number for WinLoad (32 digits maximum; if less than 32, press **[#]** to accept)
	___/___	
[119]		Service telephone number* (32 digits maximum; if less than 32, press **[#]** to accept) (→[4] →[3])
	___/___	

***** Using Magellan's speakerphone feature, the Service telephone number allows the user to directly call the installer or maintenance staff if any problems arise.

Report Codes

Default = FF

Arming Report Codes	
Section	**Data**
[120]	____/____ User Code 1
	____/____ User Code 2
	____/____ User Code 3
	____/____ User Code 4
[121]	____/____ User Code 5
	____/____ User Code 6
	____/____ User Code 7
	____/____ User Code 8
[122]	____/____ User Code 9
	____/____ User Code 10
	____/____ User Code 11
	____/____ User Code 12
[123]	____/____ User Code 13
	____/____ User Code 14
	____/____ User Code 15
	____/____ User Code 16

Special Arming Report Codes	
Section	**Data**
[124]	____/____ Auto-arming
	____/____ Late to close
	____/____ No movement
	____/____ Partial arming
[125]	____/____ Quick-arming
	____/____ Arming via PC
	____/____ Future use
	____/____ Future use

Disarming Report Codes	
Section	**Data**
[126]	____/____ User Code 1
	____/____ User Code 2
	____/____ User Code 3
	____/____ User Code 4
[127]	____/____ User Code 5
	____/____ User Code 6
	____/____ User Code 7
	____/____ User Code 8
[128]	____/____ User Code 9
	____/____ User Code 10
	____/____ User Code 11
	____/____ User Code 12
[129]	____/____ User Code 13
	____/____ User Code 14
	____/____ User Code 15
	____/____ User Code 16

Special Disarming Report Codes	
Section	**Data**
[130]	____/____ End auto-arm
	____/____ Disarm via PC
	____/____ Future use
	____/____ Future use

Default = FF

Alarm Report Codes	
Section	**Data**
[131]	____/____ Zone 1
	____/____ Zone 2
	____/____ Zone 3
	____/____ Zone 4
[132]	____/____ Zone 5
	____/____ Zone 6
	____/____ Zone 7
	____/____ Zone 8
[133]	____/____ Zone 9
	____/____ Zone 10
	____/____ Zone 11
	____/____ Zone 12
[134]	____/____ Zone 13
	____/____ Zone 14
	____/____ Zone 15
	____/____ Zone 16

Alarm Restore Report Codes	
Section	**Data**
[135]	____/____ Zone 1
	____/____ Zone 2
	____/____ Zone 3
	____/____ Zone 4
[136]	____/____ Zone 5
	____/____ Zone 6
	____/____ Zone 7
	____/____ Zone 8
[137]	____/____ Zone 9
	____/____ Zone 10
	____/____ Zone 11
	____/____ Zone 12
[138]	____/____ Zone 13
	____/____ Zone 14
	____/____ Zone 15
	____/____ Zone 16

Special Alarm Report Codes	
Section	**Data**
[139]	____/____ Emer. panic
	____/____ Aux. panic
	____/____ Fire panic
	____/____ Recent closing
[140]	____/____ Zone shutdown
	____/____ Duress
	____/____ Paramedical
	____/____ Future use

Tamper Report Codes	
Section	**Data**
[141]	____/____ Zone 1
	____/____ Zone 2
	____/____ Zone 3
	____/____ Zone 4
[142]	____/____ Zone 5
	____/____ Zone 6
	____/____ Zone 7
	____/____ Zone 8
[143]	____/____ Zone 9
	____/____ Zone 10
	____/____ Zone 11
	____/____ Zone 12
[144]	____/____ Zone 13
	____/____ Zone 14
	____/____ Zone 15
	____/____ Zone 16

Default = **FF**

Tamper Restore Report Codes

Section	Data
[145]	____/____ Zone 1
	____/____ Zone 2
	____/____ Zone 3
	____/____ Zone 4
[146]	____/____ Zone 5
	____/____ Zone 6
	____/____ Zone 7
	____/____ Zone 8
[147]	____/____ Zone 9
	____/____ Zone 10
	____/____ Zone 11
	____/____ Zone 12
[148]	____/____ Zone 13
	____/____ Zone 14
	____/____ Zone 15
	____/____ Zone 16

System Troubles Report Codes

Section	Data
[149]	____/____ Future use
	____/____ AC failure
	____/____ Battery failure
	____/____ Timer loss
[150]	____/____ Unit tamper
	____/____ Fail to comm.
	____/____ TX low battery
	____/____ TX superv. loss
[151]	____/____ RF interference
	____/____ Future use
	____/____ Future use
	____/____ Future use

System Troubles Restore Report Codes

Section	Data
[152]	____/____ TLM
	____/____ AC failure
	____/____ Battery failure
	____/____ Timer prog.
[153]	____/____ Unit tamp. rest.
	____/____ Future use
	____/____ TX low battery
	____/____ TX superv. rest.
[154]	____/____ RF interference
	____/____ Future use
	____/____ Future use
	____/____ Future use

Special Report Codes

Section	Data
[155]	____/____ Cold start
	____/____ Test report
	____/____ Future use
	____/____ WinLoad logout
[156]	____/____ Installer logon
	____/____ Installer logout
	____/____ Delinquency
	____/____ Future use
[157] to [160]	Reserved for future use

Remote Control Button Programming

Table 1: Remote Control Button Options

Hexa	Description	Hexa	Description
0	Button disabled	**8**	Panic 1†
1	Regular arming	**9**	Panic 2†
2	Stay arming	**A***	Panic 3†
3	Instant arming	**B***	PGM Activation (Event Group #07. See Table on page 11)
4	Force arming	**C***	PGM Activation (Event Group #08. See Table on page 11)
5	Future use	**D***	Turn FM radio ON/OFF
6	Future use	**E***	FM radio memory scan
7	Future use	**F***	Paramedical alarm

** = Hexa values **A** to **F** are keys **[1]** to **[5]** from Magellan's Center Keypad. Refer to Figure 1 on page 6.*
*† = The panic feature (section **[091]** options **[1]** to **[3]**) must be enabled.*

Section	Data (Default: 4DE0)
[161]	_____/_____/_____/_____ Remote Control 1
[162]	_____/_____/_____/_____ Remote Control 2
[163]	_____/_____/_____/_____ Remote Control 3
[164]	_____/_____/_____/_____ Remote Control 4
[165]	_____/_____/_____/_____ Remote Control 5

Remote Control Buttons

MG-REM1

The button of the MG-REM1 remote control has been permanently programmed to disarm the system. The button's functionality cannot be altered.

The + , + and + button combinations do not function with the MG-REM1 remote control.

Section	Data (Default: 4DE0)
[166]	_____/_____/_____/_____ Remote Control 6
	🔓 ⏻ → ⏻+→
[167]	_____/_____/_____/_____ Remote Control 7
	🔓 ⏻ → ⏻+→
[168]	_____/_____/_____/_____ Remote Control 8
	🔓 ⏻ → ⏻+→
[169]	_____/_____/_____/_____ Remote Control 9
	🔓 ⏻ → ⏻+→
[170]	_____/_____/_____/_____ Remote Control 10
	🔓 ⏻ → ⏻+→
[171]	_____/_____/_____/_____ Remote Control 11
	🔓 ⏻ → ⏻+→
[172]	_____/_____/_____/_____ Remote Control 12
	🔓 ⏻ → ⏻+→
[173]	_____/_____/_____/_____ Remote Control 13
	🔓 ⏻ → ⏻+→
[174]	_____/_____/_____/_____ Remote Control 14
	🔓 ⏻ → ⏻+→
[175]	_____/_____/_____/_____ Remote Control 15
	🔓 ⏻ → ⏻+→
[176]	_____/_____/_____/_____ Remote Control 16
	🔓 ⏻ → ⏻+→

Remote Control Buttons

MG-REM1

The 🔓 button of the MG-REM1 remote control has been permanently programmed to disarm the system. The button's functionality cannot be altered.

The 🔒+🔓, 🔒+⏻ and 🔓+→ button combinations do not function with the MG-REM1 remote control.

System Settings

Section	Data	Description	Defaults
[180]	____/____/____	Installer code lock (Enter **147** to lock code, **000** to unlock code)	*000*
[181]	____/____/____/____/____/____	Installer code (→[4] →[8])	*000000*
[182]	____/____/____/____/____/____	Maintenance code (→[4] →[8])	*111111*
[200]	Reset Master code to default (123456)		
[201]	Reset all programmable sections to factory default values		

Installer Quick Keys

To access the Installer Quick keys, press and hold the **[0]** key from the Main keypad, enter the [installer code] and then press from the Center keypad:

Key **[1]** = *Test Report:* Send the "Test Report" report code programmed in section [155] (page 23) to the central monitoring station.

Key **[2]** = *Cancel Communication:* Cancels all communication with the WinLoad software or with the central monitoring station until the next reportable event.

Key **[3]** = *Answer WinLoad Software:* Will force the console to answer an incoming call from the central monitoring station that is using the WinLoad software.

Key **[4]** = *Call WinLoad Software:* Will dial the PC telephone number programmed in section [118] (page 20) in order to initiate communication with a computer using the WinLoad software.

Key **[5]** = *Installer Test Mode:* The installer test mode will allow you to perform walk tests where the siren will squawk to indicate opened zones. Press the **[5]** key again to exit.

Appendix 1: PGM Event Table

Event Group #	Sub-group #
00 = Zone closed *01 = Zone opened*	01 to 16 = Zone number 99 = Any zone number
02 = System status	00 = N/A 01 = N/A 02 = Silent alarm 03 = Buzzer alarm 04 = Steady alarm 05 = Pulsed alarm 06 = Strobe 07 = Alarm stopped 08 = Squawk ON 09 = Squawk OFF 10 = Ground start 11 = System disarmed 12 = System armed 13 = Entry delay engaged 99 = Any system status event
03 = Future use *04 = Future use*	Future use
05 = Non-reportable event	00 = Telephone line trouble 01 = Future use 02 = Arm with no entry delay 03 = Arm in Stay mode 04 = Arm in Force mode 05 = Full arm when armed in Stay mode

Event Group #	Sub-group #
05 = Non-reportable event (cont'd)	06 = PC fail to communicate 07 and 08 = Future use 09 = Doorbell 1 battery trouble 10 = Doorbell 1 battery trouble restore 11 = Doorbell 2 battery trouble 12 = Doorbell 2 battery trouble restore 13 = Utility Key 1 pressed (keys **[1]** and **[9]** from the center keypad) 14 = Utility Key 2 pressed (keys **[2]** and **[10]** from the center keypad) 15 = Utility Key 3 pressed (keys **[3]** and **[11]** from the center keypad) 16 = Utility Key 4 pressed (keys **[4]** and **[12]** from the center keypad) 17 = Utility Key 5 pressed (keys **[5]** and **[13]** from the center keypad) 18 = Utility Key 6 pressed (keys **[6]** and **[14]** from the center keypad) 19 = Utility Key 7 pressed (keys **[7]** and **[15]** from the center keypad) 20 = Utility Key 8 pressed (keys **[8]** and **[16]** from the center keypad) 21 = User remote access granted 22 = User remote access denied 23 = Tamper generated alarm 24 = Supervision loss generated alarm 99 = Any non-reportable event
06 = Remote access *07 = PGM activation (Remote control button option "B"; see page 24)* *08 = PGM activation (Remote control button option "C"; see page 24)*	01 to 16 = User number 99 = Any user number
09 = Future use	Future use
10 = Bypass programming access	01 to 16 = User number 99 = Any user number
11 = Future use	Future use

Event Group #	Sub-group #
12 = Delay zone alarm transmission	01 to 16 = Zone number 99 = Any zone number
13 = Arming with user	01 to 16 = User number 99 = Any user number
14 = Special arming	00 = Auto-arming 01 = Late to close 02 = No movement arming 03 = Partial arming 04 = Quick arming 05 = Arming through WinLoad 99 = Any special arming event
15 = Disarming with user *16 = Disarm after alarm with user* *17 = Alarm cancelled with user*	01 to 16 = User number 99 = Any user number
18 = Special disarming	00 = Auto-arm cancelled 01 = Disarm through WinLoad 02 = Disarm through WinLoad after alarm 03 = Alarm cancelled through WinLoad 04 = Paramedical alarm cancelled 99 = Any special disarming event
19 = Zone bypassed *20 = Zone in alarm* *21 = Fire alarm* *22 = Zone alarm restore* *23 = Fire alarm restore*	01 to 16 = Zone number 99 = Any zone number

Event Group #	Sub-group #
24 = Special alarm	00 = Panic emergency 01 = Panic medical 02 = Panic fire 03 = Recent closing 04 = Global shutdown
24 = Special alarm (cont'd)	05 = Duress alarm (User 16) 99 = Any special alarm event
25 = Zone shutdown *26 = Zone tampered* *27 = Zone tamper restore*	01 to 16 = Zone number 99 = Any zone number
28 = New trouble	00 = N/A 01 = AC failure 02 = Battery failure 03 = Clock loss 04 = Console tamper 05 = Fail to communicate to central 06 = Fail to communicate to voice report 07 = Fail to communicate to pager 08 = RF interference 99 = Any new trouble event
29 = Trouble restored	00 = Telephone line restored 01 = AC failure 02 = Battery failure 03 = Clock lost 04 = Console tamper restore 05 = N/A 06 = N/A

Event Group #	Sub-group #
29 = Trouble restored (cont'd)	07 = N/A 08 = RF interference restore 99 = Any trouble restore event
30 = Low battery on zone *31 = Low battery on zone restore* *32 = Zone supervision trouble* *33 = Zone supervision restored*	01 to 16 = Zone number 99 = Any zone number
34 = Special	00 = System power up 01 = Reporting test 02 = WinLoad logon 03 = WinLoad logoff 04 = Installer in programming mode 05 = Installer exited programming mode 06 = Closing delinquency delay elapsed 99 = Any special event
35 = Paramedical alarm	01 to 16 = User number 99 = Any user number
36 = Zone triggered a utility report *37 = Signal strength weak 1* *38 = Signal strength weak 2* *39 = Signal strength weak 3* *40 = Signal strength weak 4*	01 to 16 = Zone number 99 = Any zone number
41 = Future use	Future use
42 = Future use	Future use

Event Group #	Sub-group #
43 = Future use	Future use
44 = Future use	Future use
45 = Future use	Future use
46 = Future use	Future use
47 = Future use	Future use
48 = Fire delay started *49 = Fire delay cancelled*	01 to 16 = Zone number 99 = Any zone number

Appendix 2: Connection Diagrams

Power Connections

Figure 2: Connecting the Transformer

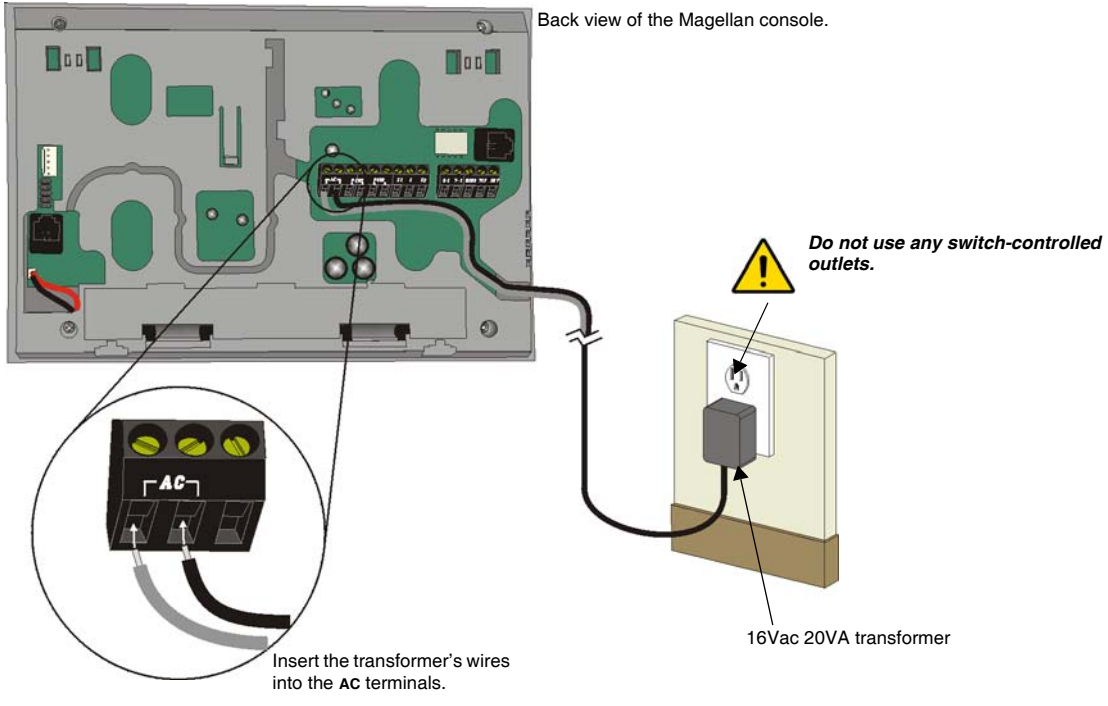
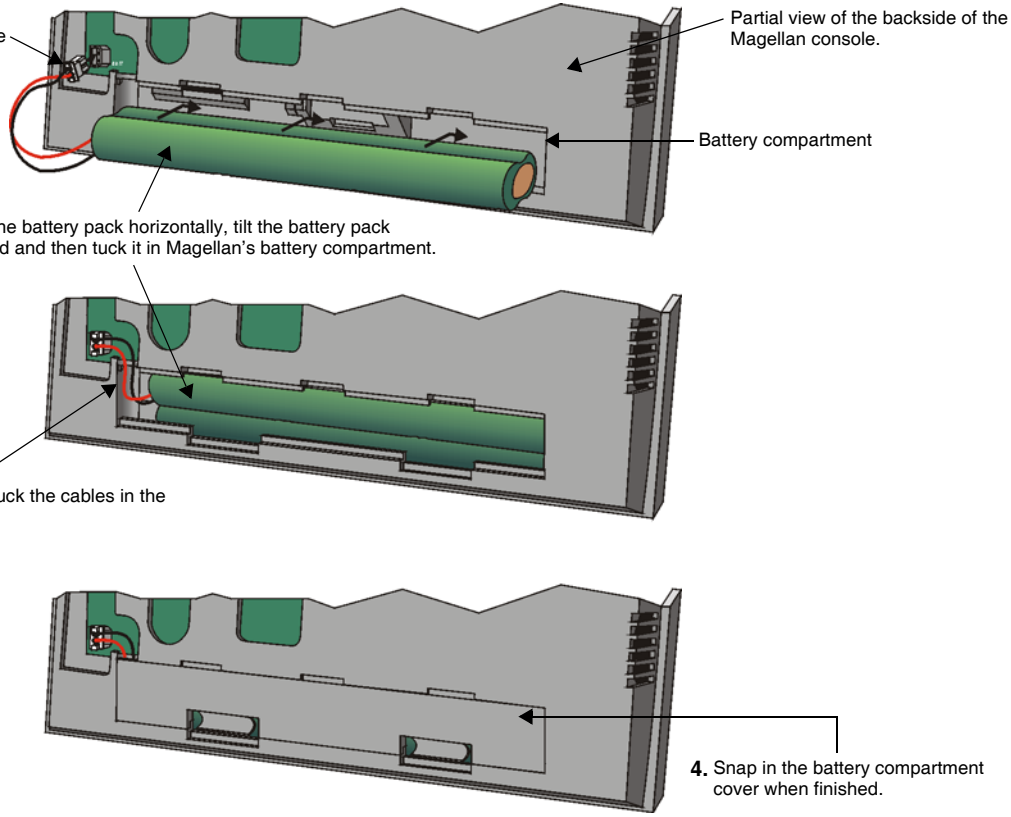

Back view of the Magellan console.
Do not use any switch-controlled outlets.
AC
16Vac 20VA transformer
Insert the transformer's wires into the AC terminals.

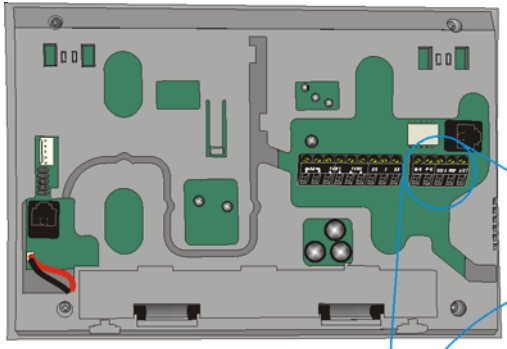
Figure 3: Connecting the Battery


1. Insert the backup battery's plug into the connector labelled BATT.
Partial view of the backside of the Magellan console.
Battery compartment
2. Slide in the battery pack horizontally, tilt the battery pack downward and then tuck it in Magellan's battery compartment.
3. After inserting the battery pack's plug, tuck the cables in the specially designed slot.
4. Snap in the battery compartment cover when finished.

To order a battery pack, the battery pack's part number is:
Paradox #0780100178.

Telephone Line Connections

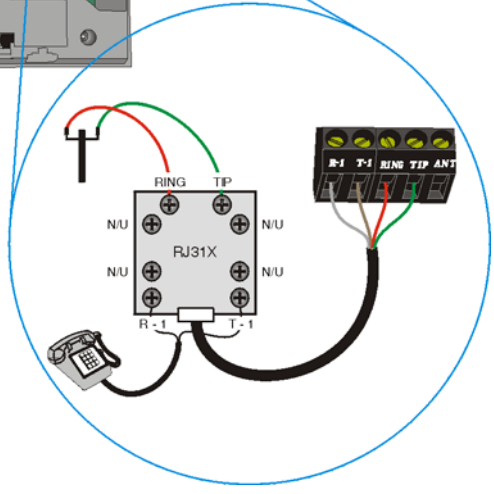
Figure 4: Telephone Line Direct Connect



Back view of the Magellan console.

To connect the telephone line directly to the console:

1. Connect a RJ31X to the **R-1**, **T-1**, **RING** and **TIP** terminals as shown at right.
2. Connect the telephone company wires and the home telephone to the RJ31X.



Telephone Line Connection Note

The Magellan console must be able to seize the telephone line and place a call in an emergency situation. It must be able to do this even if other equipment (telephones, answering machines, computer modems, etc.) already has the line in use. To do so, the Magellan console must be connected to a properly installed RJ31X (or RJ38X) jack that is electrically in series with and ahead of all other equipment attached to the same telephone line. Proper installation is depicted in the diagram below. If you have any questions concerning these instructions, you should consult your telephone company or a qualified installer about installing the RJ31X (or RJ38X) jack and the Magellan console for you.

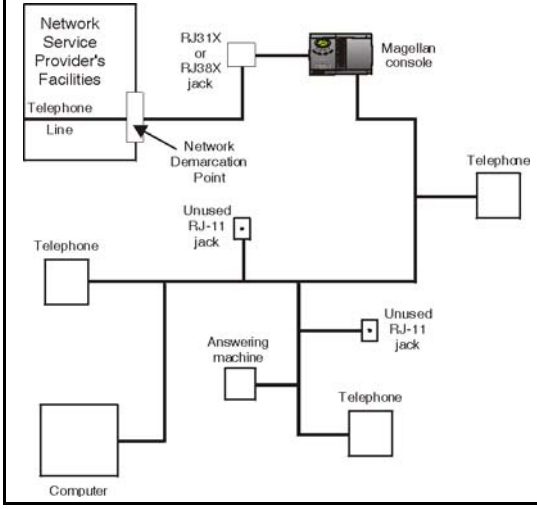
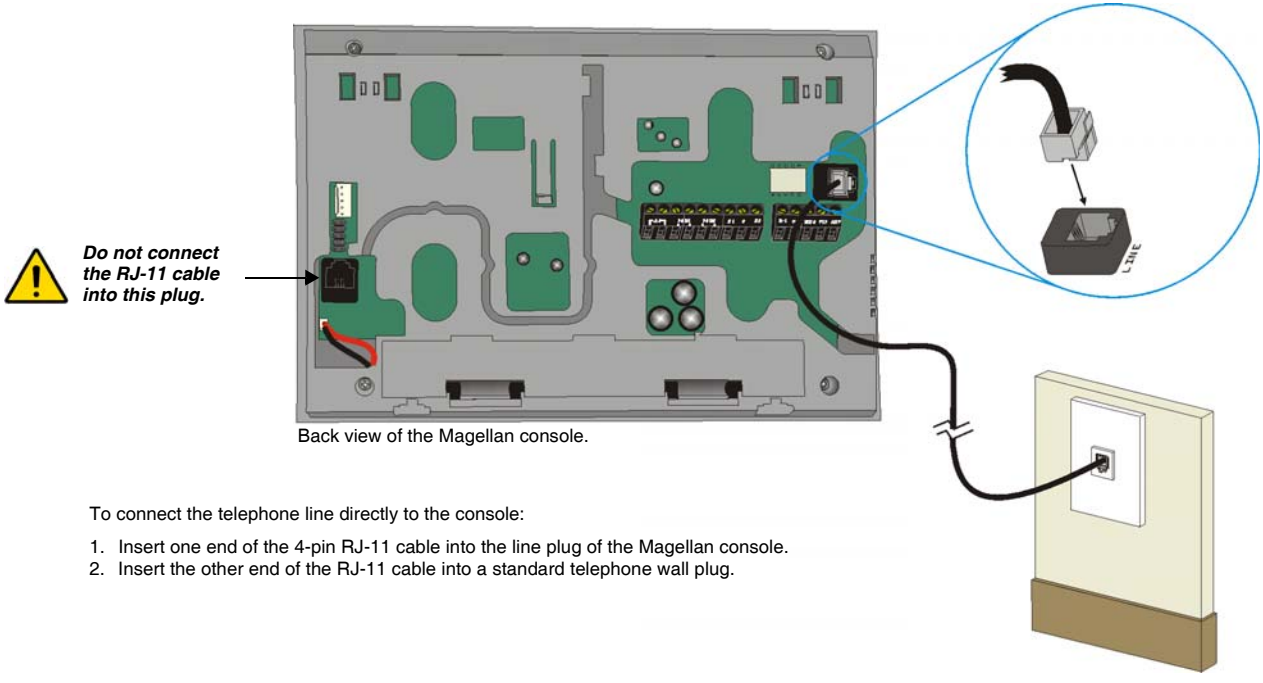


Figure 5: Line Plug Connection



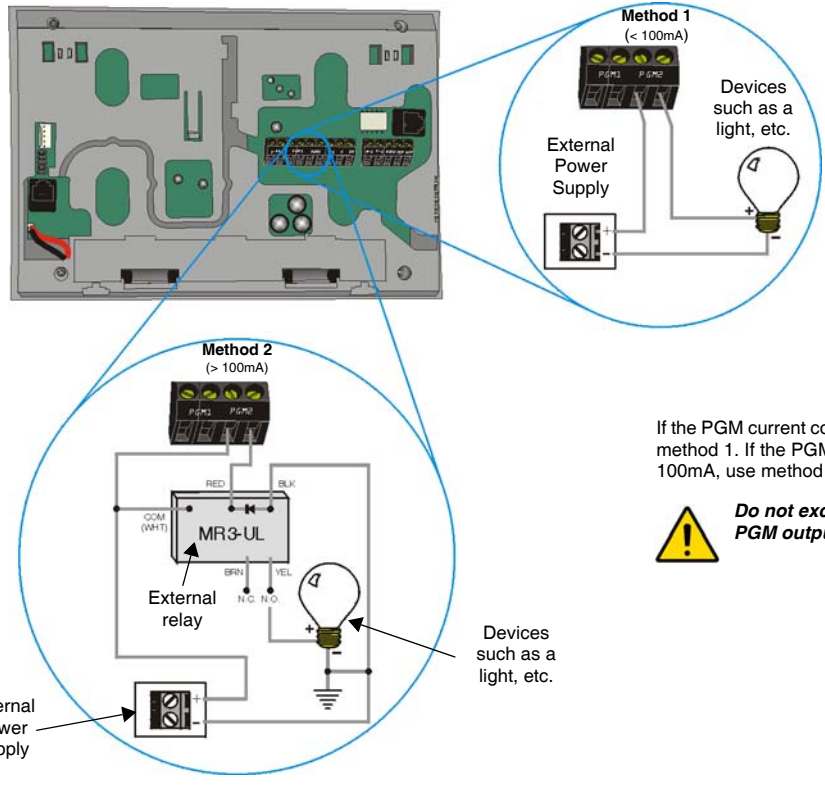
Back view of the Magellan console.

To connect the telephone line directly to the console:

1. Insert one end of the 4-pin RJ-11 cable into the line plug of the Magellan console.
2. Insert the other end of the RJ-11 cable into a standard telephone wall plug.

PGM Connections

Figure 6: PGM Connections

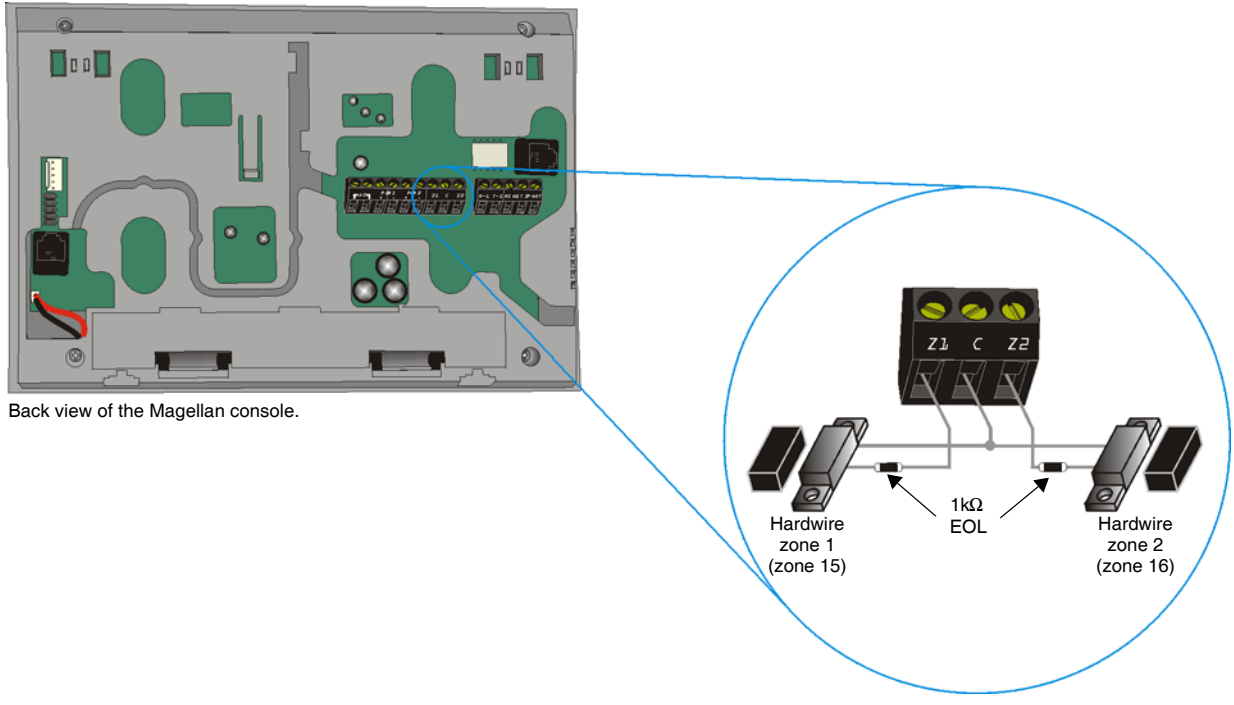


If the PGM current consumption is less than 100mA, use method 1. If the PGM current consumption is to exceed 100mA, use method 2.

Do not exceed 24Vdc when connecting the PGM outputs.

Hardwire Zone Connections

Figure 7: Hardwire Zone Connections



Back view of the Magellan console.

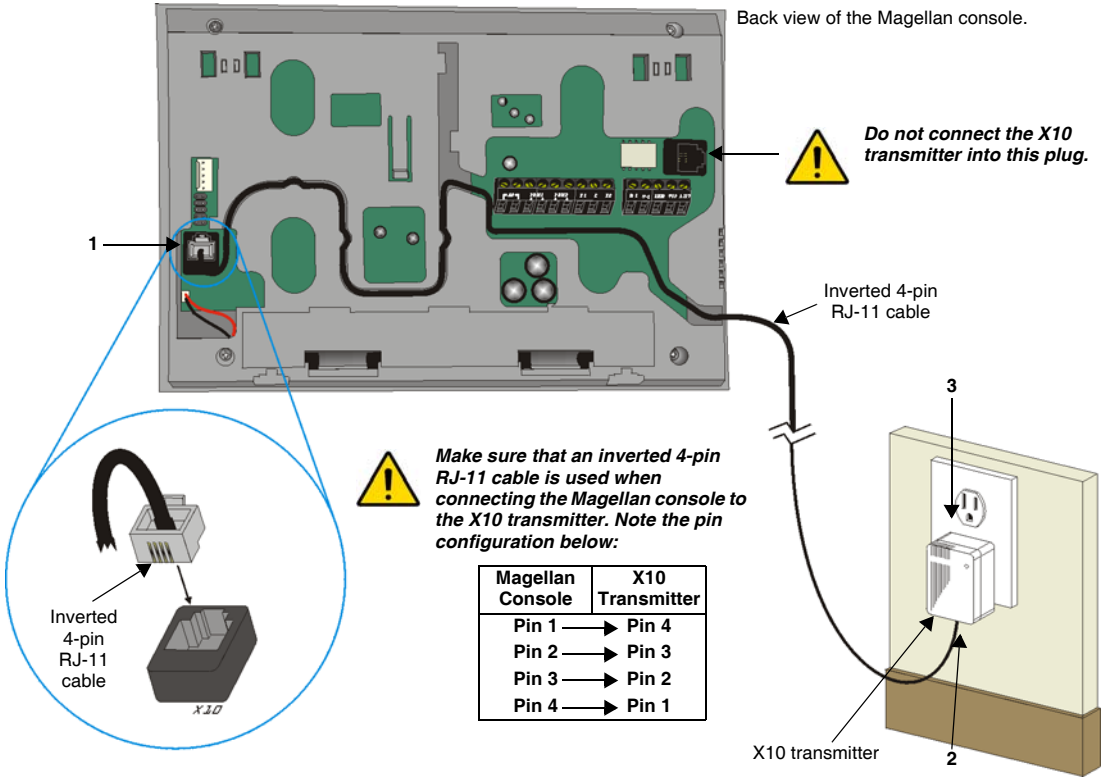
X10 Transmitter Connections

1. Connect one end of the inverted 4-pin RJ-11 cable into the **X10** plug of the console.
2. Connect the other end of the inverted 4-pin RJ-11 cable into the X10 transmitter.
3. Plug the X10 transmitter into a standard wall outlet.

For information on programming the X10 features of Magellan, refer to the X10 Operation User Guide which can be found and downloaded for free from our Web site at www.paradox.ca.

X10 devices (transmitters, modules, etc.) are not supplied and cannot be purchased through Paradox Security Systems Ltd.

Figure 8: Connecting the X10 Transmitter

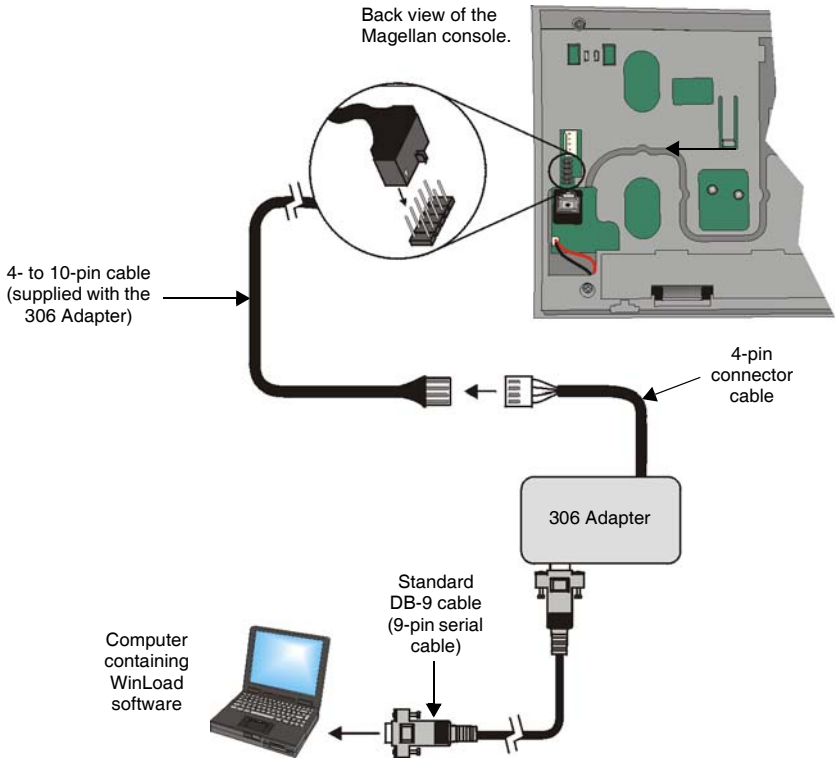


Make sure that an inverted 4-pin RJ-11 cable is used when connecting the Magellan console to the X10 transmitter. Note the pin configuration below:

Magellan Console	X10 Transmitter
Pin 1 →	Pin 4
Pin 2 →	Pin 3
Pin 3 →	Pin 2
Pin 4 →	Pin 1

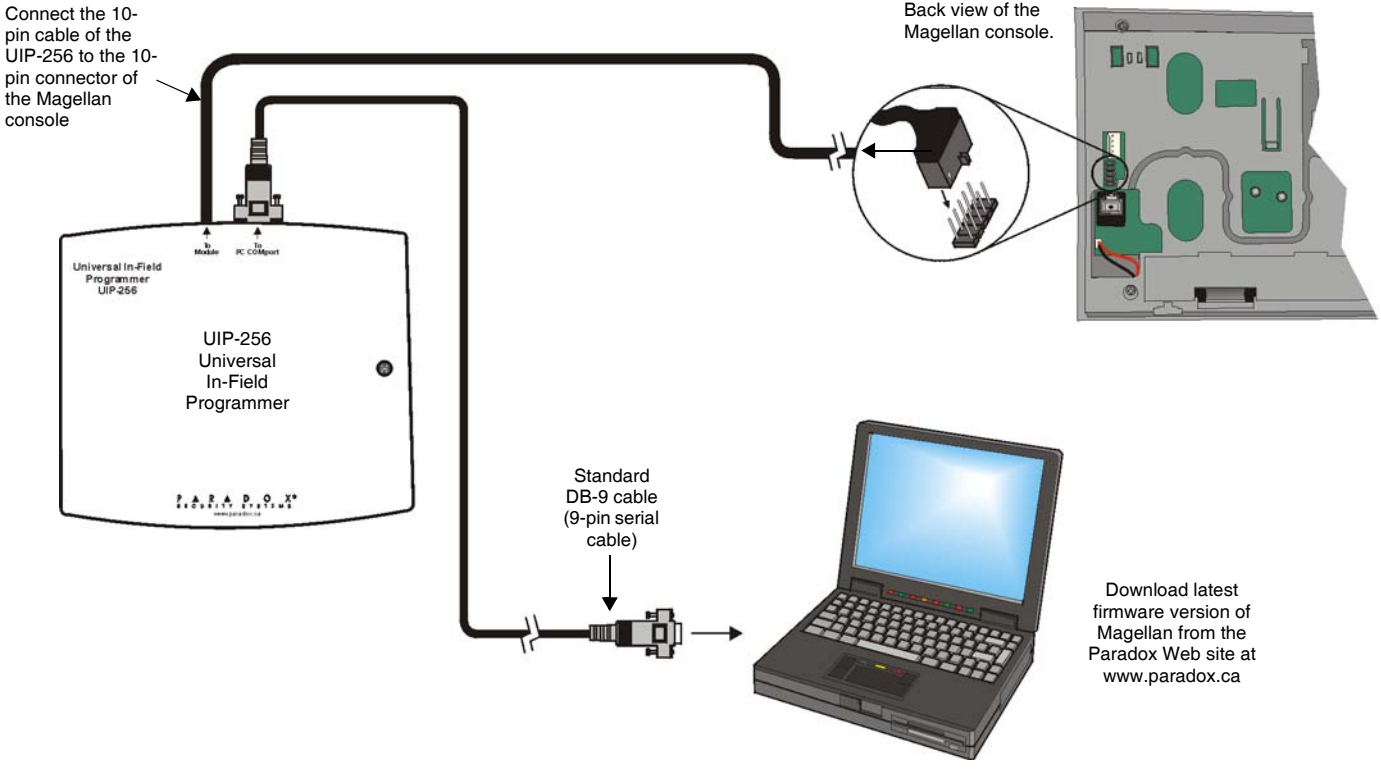
Connecting Magellan to WinLoad

Figure 9: Connecting Magellan to WinLoad


Back view of the Magellan console.
4- to 10-pin cable (supplied with the 306 Adapter)
4-pin connector cable
306 Adapter
Standard DB-9 cable (9-pin serial cable)
Computer containing WinLoad software

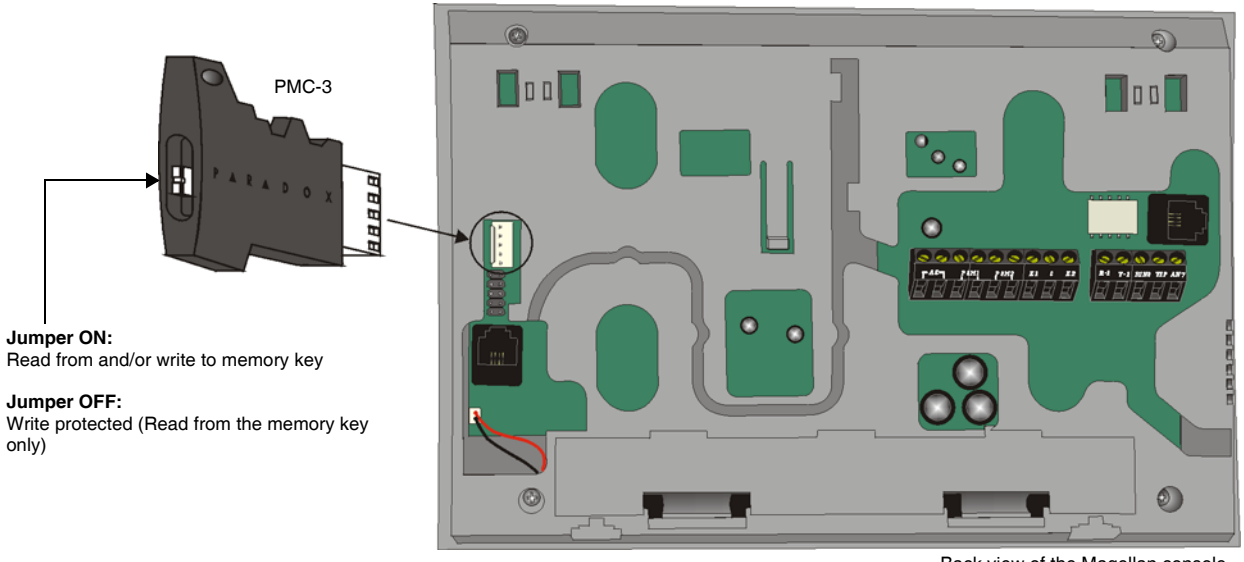
Connecting to a UIP-256

Figure 10: Connecting to a UIP-256 Universal In-Field Programmer


Connect the 10-pin cable of the UIP-256 to the 10-pin connector of the Magellan console
Back view of the Magellan console.
To Module
To PC COMport
Universal In-Field Programmer UIP-256
UIP-256 Universal In-Field Programmer
Standard DB-9 cable (9-pin serial cable)
Download latest firmware version of Magellan from the Paradox Web site at www.paradox.ca

Connecting a Paradox Memory Key (PMC-3)

Figure 11: Connecting a Paradox Memory Key (PMC-3)

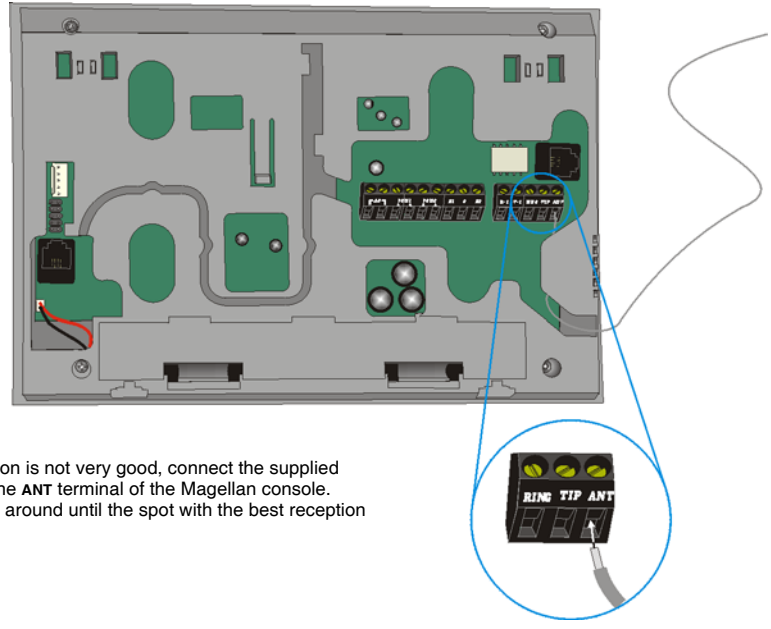


Back view of the Magellan console.

Connecting the Radio Antenna

Figure 12: Connecting the Radio Antenna

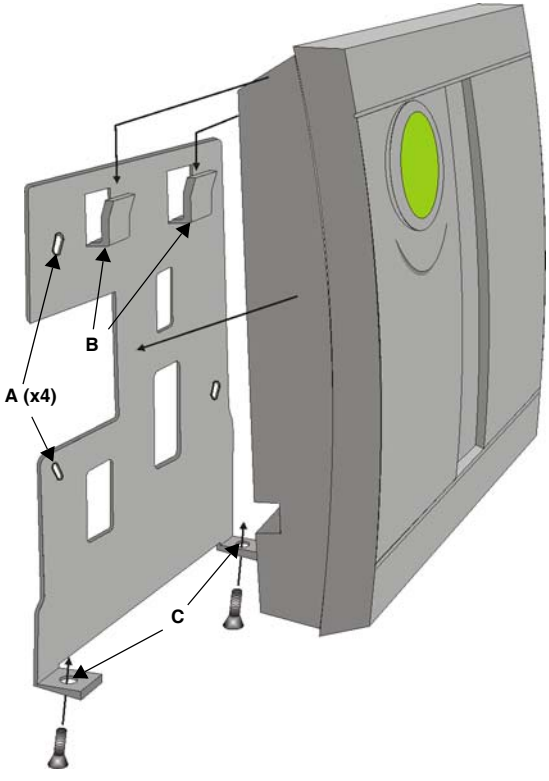
Back view of the Magellan console.



If the radio reception is not very good, connect the supplied radio antenna to the **ANT** terminal of the Magellan console. Move the antenna around until the spot with the best reception is found.

Mounting Magellan on the Wall

Figure 13: Mounting Magellan onto the Wall Plate



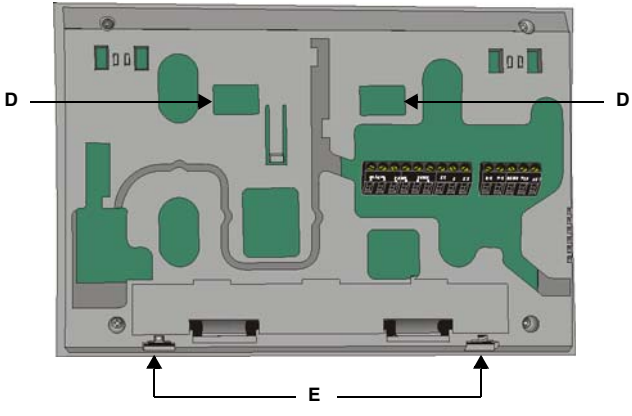
To mount the wall plate:

1. Place the wall plate on the desired spot of the wall.
2. Drill and insert the screws into the holes labeled **A** at left.

To mount the Magellan console:

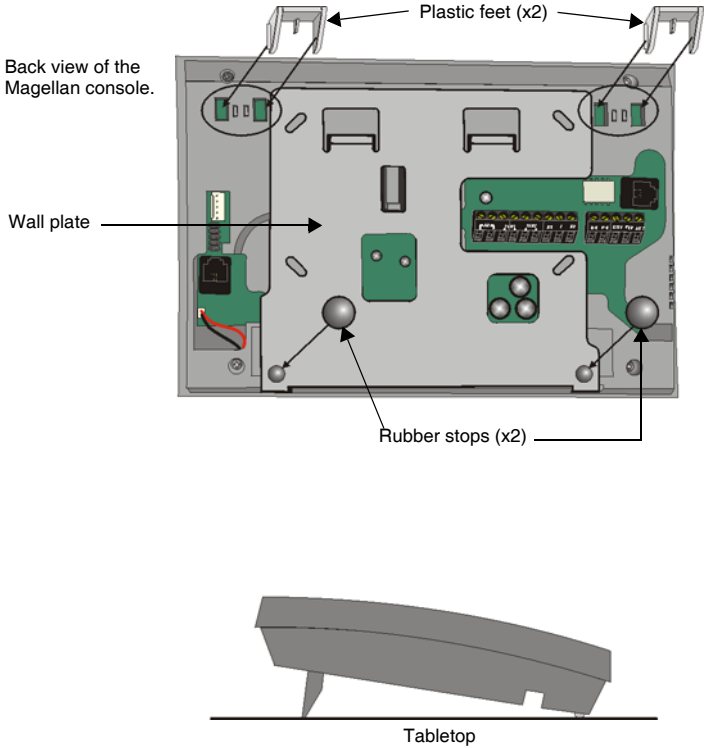
1. Place the console back plate flush against the mounted wall plate.
2. Slide the Magellan's open slots labeled **D** (see Inset 1 below) onto the wall plate's tabs labeled **B**.
3. Gently apply downward pressure to insert the wall plate's tabs into Magellan's open slots.
4. Insert two screws through the wall plate's screw holes labeled **C** and into Magellan's back plate screw holes labeled **E** (see Inset 1 below). This will secure the console to the wall.

Inset 1: Magellan's Backplate



Tabletop Mounting

Figure 14: Tabletop Mounting



To mount the Magellan console on a tabletop the wall plate has to be inserted beforehand:

1. Slide the wall plate's tabs labeled **B** into the Magellan console's open slots labeled **D** (see Figure 13 on page 44).
2. Insert two screws (included) through the wall plate's screw holes labeled **C** into holes labeled **E** in the Magellan console (see Figure 13 on page 44).
3. Insert the two plastic feet (included) into the appropriate holes on the back plate of the Magellan console as shown at left.
4. Attach the two rubber stops (included) to the lower corners of the wall plate as shown at left.

The plastic feet are used to raise the Magellan console to a slight angle for easy viewing while the rubber stops prevent the console from sliding when Magellan is being used.

Tabletop mounting may not be an approved installation method by local regulations. It is recommended that the local regulations be verified prior to installing the Magellan console using this method.

Appendix 3: Ademco Contact ID Report Code List

CID#	Reporting Code	Programming Value
Medical Alarms - 100		
100	Medical alarm	**01**
101	Pendant transmitter	**02**
102	Fail to report in	**03**
Fire Alarms - 110		
110	Fire alarm	**04**
111	Smoke	**05**
112	Combustion	**06**
113	Water flow	**07**
114	Heat	**08**
115	Pull station	**09**
116	Duct	**0A**
117	Flame	**0B**
118	Near alarm	**0C**
Panic Alarms - 120		
120	Panic alarm	**0D**
121	Duress	**0E**
122	Silent	**0F**
123	Audible	**10**
124	Duress - Access granted	**11**
125	Duress - Egress granted	**12**
Burglar Alarms - 130		
130	Burglary	**13**
131	Perimeter	**14**
132	Interior	**15**
133	24-hour	**16**
134	Entry/Exit	**17**
135	Day/Night	**18**
136	Outdoor	**19**
137	Tamper	**1A**
138	Near alarm	**1B**
139	Intrusion verified	**1C**
General Alarms - 140		
140	General alarm	**1D**
141	Polling loop open	**1E**
142	Polling loop short	**1F**
143	Expansion module failure	**20**
144	Sensor tamper	**21**
145	Expansion module tamper	**22**
146	Silent burglary	**23**
147	Sensor supervision failure	**24**
24-hour Non-burglary - 150 and 160		
150	24-hour non-burglary	**25**
151	Gas detected	**26**
152	Refrigeration	**27**
153	Loss of heat	**28**
154	Water leakage	**29**
155	Foil break	**2A**
156	Day trouble	**2B**
157	Low bottled gas level	**2C**
158	High temperature	**2D**
159	Low temperature	**2E**
161	Loss of air flow	**2F**
162	Carbon monoxide detected	**30**
163	Tank level	**31**
Fire Supervisory - 200 and 210		
200	Fire supervisory	**32**
201	Low water pressure	**33**
202	Low CO_2	**34**
203	Gate valve sensor	**35**

CID#	Reporting Code	Programming Value
204	Low water level	**36**
205	Pump activated	**37**
206	Pump failure	**38**
System Troubles - 300 and 310		
300	System trouble	**39**
301	AC loss	**3A**
302	Low system battery	**3B**
303	RAM checksum bad	**3C**
304	ROM checksum	**3D**
305	System reset	**3E**
306	Panel program changed	**3F**
307	Self-test failure	**40**
308	System shutdown	**41**
309	Battery test failure	**42**
310	Ground fault	**43**
311	Battery missing/dead	**44**
312	Power supply over current limit	**45**
313	Engineer reset	**46**
Sounder/Relay Troubles - 320		
320	Sounder/relay	**47**
321	Bell 1	**48**

CID#	Reporting Code	Programming Value
322	Bell 2	**49**
323	Alarm relay	**4A**
324	Trouble relay	**4B**
325	Reversing relay	**4C**
326	Notification appliance chk. #3	**4D**
327	Notification appliance chk. #4	**4E**
System Peripheral Troubles - 330 and 340		
330	System peripheral	**4F**
331	Polling loop open	**50**
332	Polling loop short	**51**
333	Expansion module failure	**52**
334	Repeater failure	**53**
335	Local printer paper out	**54**
336	Local printer failure	**55**
337	Exp. module DC loss	**56**
338	Exp. module low battery	**57**
339	Exp. module reset	**58**
341	Exp. module tamper	**59**
342	Exp. module AC loss	**5A**
343	Exp. module self-test fail	**5B**
344	RF receiver jam detect	**5C**

CID#	Reporting Code	Programming Value
Communication Troubles - 350 and 360		
350	Communication	**5D**
351	Telco 1 fault	**5E**
352	Telco 2 fault	**5F**
353	Long range radio	**60**
354	Fail to communicate	**61**
355	Loss of radio supervision	**62**
356	Loss of central polling	**63**
357	Long range radio VSWR prob.	**64**
Protection Loop Troubles - 370		
370	Protection loop	**65**
371	Protection loop open	**66**
372	Protection loop short	**67**
373	Fire trouble	**68**
374	Exit error alarm	**69**
375	Panic zone trouble	**6A**
376	Hold-up zone trouble	**6B**
377	Swinger trouble	**6C**
378	Cross-zone trouble	**6D**
Sensor Troubles - 380 and 390		
380	Sensor trouble	**6E**

CID#	Reporting Code	Programming Value
381	Loss of supervision - RF	**6F**
382	Loss of supervision - RPM	**70**
383	Sensor tamper	**71**
384	RF transmitter low battery	**72**
385	Smoke detector Hi sensitivity	**73**
386	Smoke detector Low sensitivity	**74**
387	Intrusion detector Hi sensitivity	**75**
388	Intrusion detector Low sensitivity	**76**
389	Sensor self-test failure	**77**
391	Sensor watch trouble	**78**
392	Drift compensation error	**79**
393	Maintenance alert	**7A**
Open/Close - 400		
400	Open/Close	**7B**
401	Open/Close by user	**7C**
402	Group open/close	**7D**
403	Automatic open/close	**7E**
404	Late to open/close	**5E**
405	Deferred open/close	**5F**
406	Cancel	**7F**

CID#	Reporting Code	Programming Value
407	Remote arm/disarm	**80**
408	Quick arm	**81**
409	Keyswitch open/close	**82**
Remote Access - 410		
411	Call back request made	**83**
412	Success - download access	**84**
413	Unsuccessful access	**85**
414	System shutdown	**86**
415	Dialer shutdown	**87**
416	Successful upload	**88**
Access Control - 420 and 430		
421	Access denied	**89**
422	Access report by user	**8A**
423	Forced access	**8B**
424	Egress denied	**8C**
425	Egress granted	**8D**
426	Access door propped open	**8E**
427	Access point door status monitor trouble	**8F**
428	Access point request to exit	**90**
429	Access program mode entry	**91**

CID#	Reporting Code	Programming Value
430	Access program mode exit	**92**
431	Access threat level change	**93**
432	Access relay/trigger fail	**94**
433	Access RTE shunt	**95**
434	Access DSM shunt	**96**
Arming - 440 and 450		
441	Armed Stay	**97**
442	Keyswitch armed Stay	**98**
450	Exception open/close	**99**
451	Early open/close	**9A**
452	Late open/close	**9B**
453	Failed to open	**9C**
454	Failed to close	**9D**
455	Auto-arm failed	**9E**
456	Partial arm	**9F**
457	Exit error (user)	**A0**
458	User on premises	**A1**
459	Recent close	**A2**
System - 460		
461	Wrong code entry	**A3**

CID#	Reporting Code	Programming Value
462	Legal code entry	**A4**
463	Re-arm after alarm	**A5**
464	Auto-arm time extended	**A6**
465	Panic alarm reset	**A7**
466	Service ON/OFF premises	**A8**
Sounder Relay Disabled - 520		
520	Sounder/Relay disabled	**A9**
521	Bell 1 disabled	**AA**
522	Bell 2 disabled	**AB**
523	Alarm relay disabled	**AC**
524	Trouble relay disabled	**AD**
525	Reversing relay disabled	**AE**
526	Notification appliance chk. #3 disabled	**AF**
527	Notification appliance chk. #4 disabled	**B0**
Modules - 530		
531	Module added	**B1**
532	Module removed	**B2**
Communication Disables - 550 and 560		
551	Dialer disabled	**B3**
552	Radio transmitter disabled	**B4**

CID#	Reporting Code	Programming Value
Bypasses - 570		
570	Zone bypass	**B5**
571	Fire bypass	**B6**
572	24Hr. zone bypass	**B7**
573	Burglary bypass	**B8**
574	Group bypass	**B9**
575	Swinger bypass	**BA**
576	Access zone shunt	**BB**
577	Access point bypass	**BC**
Test/Misc. - 600		
601	Manual trigger test	**BD**
602	Periodic test report	**BE**
603	Periodic RF transmission	**BF**
604	Fire test	**C0**
605	Status report to follow	**C1**
606	Listen-in to follow	**C2**
607	Walk test mode	**C3**
608	Periodic test - system trouble present	**C4**
609	Video transmitter active	**C5**
611	Point test OK	**C6**

CID#	Reporting Code	Programming Value
612	Point not tested	**C7**
613	Intrusion zone walk tested	**C8**
614	Fire zone walk tested	**C9**
615	Panic zone walk tested	**CA**
616	Service request	**CB**
621	Event log reset	**CC**
622	Event log 50% full	**CD**
623	Event log 90% full	**CE**
624	Event log overflow	**CF**
625	Time/Date reset	**D0**
626	Time/Date inaccurate	**D1**
627	Program mode entry	**D2**
628	Program mode exit	**D3**
629	32-hour event log marker	**D4**
630	Schedule change	**D5**
631	Exception schedule change	**D6**
632	Access schedule change	**D7**
654	System inactivity	**D8**

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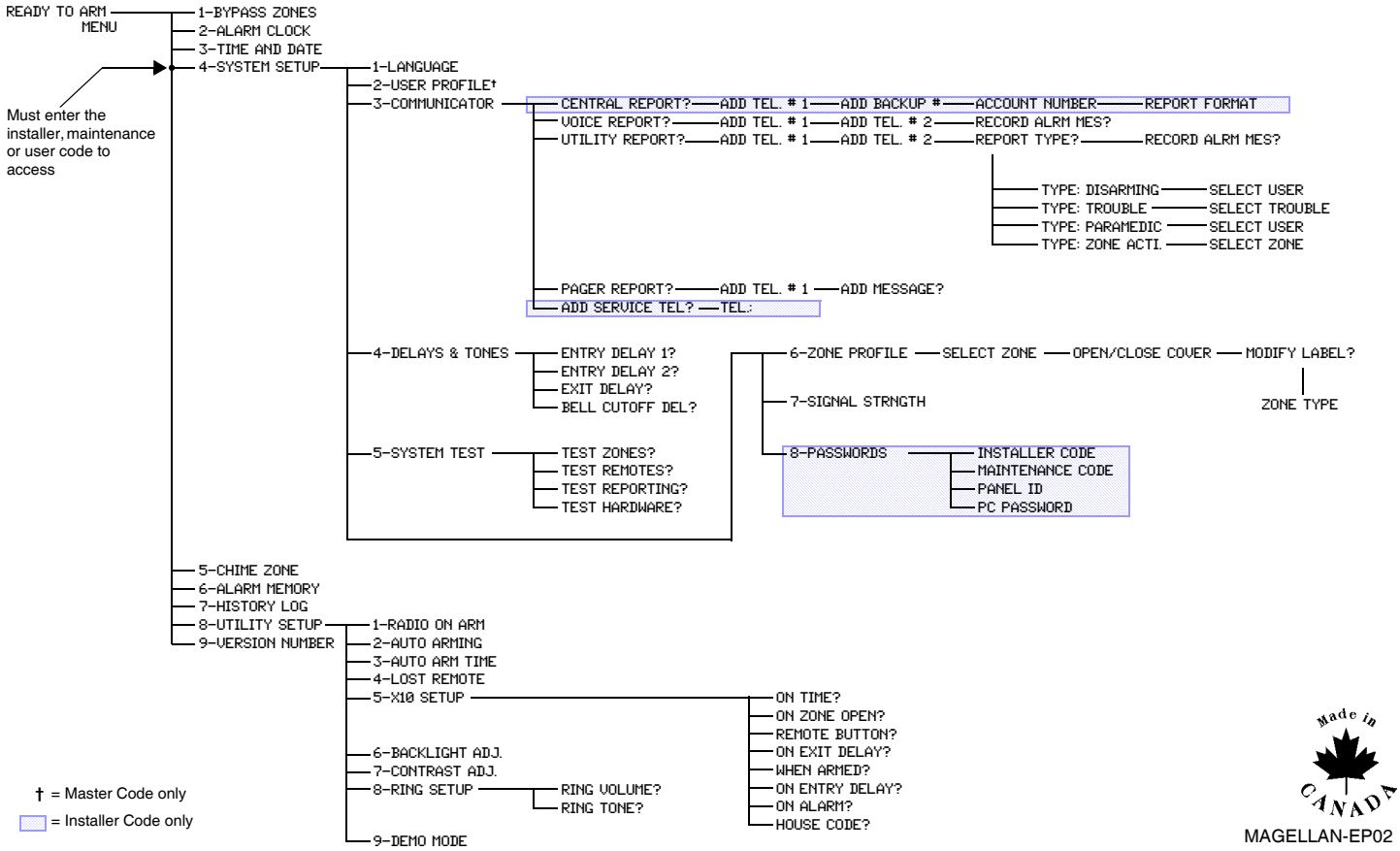
Installer Menu Overview



† = Master Code only

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